

## ABSTRACT OF THE DISCLOSURE

5 A radiometer includes a sighting system that generates a digital image of an  
object surface having an area that is to be imaged onto the IR detector. A shape outline is  
overlaid on the digital image of an object surface to indicate the extent of the energy zone  
that is imaged onto the IR detector. A rangefinder measures the distance between the  
radiometer and the object surface and the measured distance is utilized to determine the size  
of the overlaid shape.

10